

**ABSTRACT OF THE DISCLOSURE**

The present invention relates to an An apparatus and to a method of controlling an optical signal, comprising the steps of: includes determining at least one actual beat frequency derived from a superposition of at least one optical reference signal with the optical signal having an actual frequency, and using the at least one actual beat frequency in order to control the actual frequencysuperimposing at least one optical reference signal and the optical signal to obtain at least one interference signal having an actual beat frequency, and pre-selecting one or more of the at least one interference signals using a predetermined bandwidth and a filter characteristic that is asymmetric with respect to an actual frequency of the optical signal, to determine a position of the optical signal relative to the at least one optical reference signal.